

Search Results for 10/779,718

(FILE 'HOME' ENTERED AT 15:36:56 ON 28 SEP 2006)

FILE 'MEDLINE, AGRICOLA, CAPLUS, BIOSIS, EMBASE, WPIDS' ENTERED AT
15:37:43 ON 28 SEP 2006

L1 4720 S NDPK OR (NUCLEOSIDE (W) DIPHOSPHATE (W) KINASE)
L2 1 S L1 AND IDCC

=>

Search Results for 10/779,718

P.2

(FILE 'HOME' ENTERED AT 15:26:43 ON 28 SEP 2006)

FILE 'REGISTRY' ENTERED AT 15:27:01 ON 28 SEP 2006

L1 1 S 9026-51-1/RN

FILE 'MEDLINE, AGRICOLA, CAPLUS, BIOSIS, EMBASE, WPIDS' ENTERED AT
15:27:27 ON 28 SEP 2006

L2 5166 S L1 OR NDPK OR (NUCLEOSIDE (W) DIPHOSPHATE (W) KINASE)
L3 19 S L2 AND XANTHUS AND (MUTANT OR MUTATION OR MUTAGENESIS OR SUBS
L4 8 DUP REM L3 (11 DUPLICATES REMOVED)

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|---|--|
| <p>1. (nkp OR "nucleoside diphosphate kinase") AND xanthus Set Up Alert <input checked="" type="checkbox"/></p> <p>Database: Dissertations & Theses: Full Text</p> <p>Look for terms in: Citation and abstract</p> <p>Publication type: All publication types</p> | <p>3 results as of September 28, 2006</p> |
| <p>2. (nkp OR "nucleoside diphosphate kinase") AND (fluorescent or fluorescence) Set Up Alert <input checked="" type="checkbox"/></p> <p>Database: Dissertations & Theses: Full Text</p> <p>Look for terms in: Citation and abstract</p> <p>Publication type: All publication types</p> | <p>2 results as of September 28, 2006</p> |
| <p>3. nkp OR "nucleoside diphosphate kinase" Set Up Alert <input checked="" type="checkbox"/></p> <p>Database: Dissertations & Theses: Full Text</p> <p>Look for terms in: Citation and abstract</p> <p>Publication type: All publication types</p> | <p>57 results as of September 28, 2006</p> |
| <p>4. nkp OR "nucleoside diphosphate kinase" Set Up Alert <input checked="" type="checkbox"/></p> <p>Database: Dissertations & Theses: Full Text</p> <p>Look for terms in: Citation and</p> | <p>57 results as of September 28, 2006</p> |

abstract

Publication type: All publication
types

-
5. [nkpk or \(nucleoside adj diphosphate Set Up Alert](#)  [adj kinase](#)

0 results as of September 28, 2006

Database: Dissertations & Theses:

Full Text

Look for terms in: Citation and
abstract

Publication type: All publication
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IUBMB Enzyme Nomenclature

EC 2.7.4.6

Common name: nucleoside-diphosphate kinase

Reaction: ATP + nucleoside diphosphate = ADP + nucleoside triphosphate

Other names: nucleoside 5'-diphosphate kinase; nucleoside diphosphate (UDP) kinase; nucleoside diphosphokinase; nucleotide phosphate kinase; UDP kinase; uridine diphosphate kinase

Systematic name: ATP:nucleoside-diphosphate phosphotransferase

Comments: Many nucleoside diphosphates can act as acceptors, while many ribo- and deoxyribonucleoside triphosphates can act as donors.

Links to other databases: [BRENDA](#), [EXPASY](#), [GTD](#), [KEGG](#), [ERGO](#), [PDB](#), CAS registry number: 9026-51-1

References:

1. Berg, P. and Joklik, W.K. Enzymatic phosphorylation of nucleoside diphosphates. *J. Biol. Chem.* 210 (1954) 657-672.
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4. Krebs, H.A. and Hems, R. Some reactions of adenosine and inosine phosphates in animal tissues. *Biochim. Biophys. Acta* 12 (1953) 172-180.
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[EC 2.7.4.6 created 1961]

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L1	10107	brune.in. or corrie.in. or webb.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/28 15:17
L7	379	(ndpk or (nucleoside adj diphosphate adj kinase))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/28 15:34
L8	12	l7 and l1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/28 15:34
L9	2	l7 and idcc	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/28 15:35
L10	11	l2 and fluorescen\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/28 15:35
S1	2	"6746849".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/28 15:17
S2	2	"6545127".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/20 13:06